

Result No.	Score	Query Match	Length	DB	ID	Description
1	532.8	25.2	641	13	RG986976	MKI-HT118
2	531.4	25.2	602	10	AW268636	HW4111.x
3	516.8	24.5	768	13	BI652094	603298884
4	502.8	23.8	935	13	QC884973	AGENCORT
5	464	22.0	949	13	RI108493	602894938
6	444.2	21.0	457	10	AW67534	M83-HT048


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10 250 AAGTCTACTGCTCTCAAGGAGATATAAGTCTCAAGCTGGATGGTCTCTCAAGTGGCTGCA 309
QY 648 CTTCTGCTCAATGGCAAACTGTAGTATGGTGTGATGTGTCTTAAAGGATTAATACAGTGGC 707
10 310 CTTCTGCTCAATGGCAAACTGTAGTATGGTGTGATGTGTCTTAAAGGATTAATACAGTGGC 369
QY 708 AATGGGATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 767
10 370 AATGGGATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 429
QY 768 AATGGGATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 827
10 430 AATGGGATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 489
QY 828 GTTACATCTGCAAGTGTCAATGAAGGCTTCGATGCTATGATATATGAGGATGCTGCAAT 887
10 490 GTTACATCTGCAAGTGTCAATGAAGGCTTCGATGCTATGATATATGAGGATGCTGCAAT 549
QY 888 GTTACATCTGCAAGTGTCAATGAAGGCTTCGATGCTATGATATATGAGGATGCTGCAAT 940
10 550 GTTACATCTGCAAGTGTCAATGAAGGCTTCGATGCTATGATATATGAGGATGCTGCAAT 602

RESULT 3
R1652094 768 bp mRNA linear EST 12-SEP-2001
603298884F1 NC1_CGAP_Man3 Mus musculus cDNA clone IMAGE:5339564 5',
mRNA sequence.
ACCESSION R1652094
VERSION R1652094.1 GI:155566330
KEYWORDS EST.
SOURCE house mouse.
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Scurionathii; Muridae; Murinae; Mus.
1 (bases 1 to 768)
REFERENCE NIH-MGC http://mgi.nci.nih.gov/.
AUTHORS National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL Unpublished (1999)
COMMENT Contact: Robert Strausberg, Ph.D.
Tissue Procurement: Lotbar Reinholdhausen Ph.D., Chu-Xia Deng Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNI)
DNA Sequencing by: Incyte Genomics, Inc.
Clone Distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNI at:
http://image.llni.gov
Plate: LLNL1862 row: q column: 21
High quality sequence stop: 767.
Location/Qualifiers
1..768
/organism "Mus musculus"
/strain "129, C57BL/6J, FVB/N"
/db_xref "taxon:10090"
/clone "IMAGE:5339564"
/tissue_type "tumor, gross tissue"
/dev_stage "10 months"
/lab_host "DH10B"
/notes "organ: mammary; Vector: pCMV-Sport6; Site_1: SalI;
Site_2: NotI; Cloned unidirectionally. Primer: CH100 dr.
Library constructed by Life Technologies. Investigators
providing samples: Lotbar Reinholdhausen/Chu-Xia Deng, NIH
Reference for transgenic model: Xu et al., Nature Genetics
22, 47-43 (1999)."
BASE COUNT 204 a 204 c 212 g 148 t
ORIGIN

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FEATURES

Source

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RESULT 4
R0884974 935 bp mRNA linear EST 16-AUG-2002
60884974 AdM10102_8734.02 NIH-MGC_130 Mus musculus cDNA clone IMAGE:5342485
5', mRNA sequence.
ACCESSION R0884974 GI:22276991
VERSION R0884974
KEYWORDS EST.
SOURCE house mouse.
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Scurionathii; Muridae; Murinae; Mus.
1 (bases 1 to 935)
REFERENCE NIH-MGC http://mgi.nci.nih.gov/.
AUTHORS National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL Unpublished (1999)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: capbs@mail.nih.gov
Tissue Procurement: Mark Macdonald, Ph.D. and Nancy L. Friedman,
Ph.D.

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High quality sequence stop: 417.

FEATURES

source

1. 457

/organism "Mus musculus"

/db_xref "taxon:9606"

/locus_tag "Mmu200"

/note "Organism: Adult"

/note "Organism: Nervous tissue"

Site 2: Small: A mini-library was made by cloning products

derived from

No. 196,716 Ludwig Institute for Cancer Research

profiles into the pGEM-1B vector. Reverse transcription of

tissue mRNA and cDNA amplification were performed under

low stringency conditions."

BASE COUNT 120 a 92 c 142 t 1 others

ORIGIN

Query Match 20.8% Score 439.2; Db 12; Length 457;

Best local similarity 99.1% Pred. No. 1, 40-102;

Matches 452; conservative 0; Mismatches 3; Indels 1; Gaps 1;

QY 786 CCGTCGCGCCAGATTTAGGCAATGCTCAACACTTTTGGAGCTACATCTGCAAGAGT 844

Db 457 CCGTCGCGCCAGATTTAGGCAATGCTCAACACTTTTGGAGCTACATCTGCAAGAGT 498

QY 845 CATAAAGCTTTCAGTCATATATGAGCAATATGAAATATGAAATATGAAATATGAA 904

Db 897 CATAAAGCTTTCAGTCATATATGAGCAATATGAAATATGAAATATGAAATATGAA 838

QY 905 TGTCTACTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 964

Db 837 TGTCTACTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 278

QY 965 TAAAGGCTGAAATGTAAGGATATGAGCAATATGAAATATGAAATATGAAATATGAA 1024

Db 277 TAAAGGCTGAAATGTAAGGATATGAGCAATATGAAATATGAAATATGAAATATGAA 218

QY 1025 AAGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1084

Db 217 AAGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 158

QY 1085 AAGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1144

Db 157 AAGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 98

QY 1145 AAT 1204

Db 97 AAT 48

QY 1205 CTTAT 1240

Db 47 CTTAT 2

RESULT B

1/4/03

DEFINITION

mus musculus

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